Tech’s Top Ten Terminal Outcomes
(adopted by faculty July 2010)

TO1  Design, implement, evaluate, monitor, adjust, and document pharmacotherapeutic plans
TO2  Prospectively review orders and records to evaluate a drug regimen
TO3  Prepare, dispense, and administer safe and rational medication regimens
TO4  Evaluate pharmacy business models and pharmacy services
TO5  Evaluate population based data
TO6  Devise and implement strategies to improve population based outcomes
TO7  Retrieve, analyze, and interpret lay and scientific literature
TO8  Communicate and collaborate with patients, caregivers, and other stakeholders
TO9  Demonstrate professional, legal, and ethical attitudes and behaviors
TO10 Demonstrate the skills needed for continuous professional development

Tech’s Top Ten Terminal Outcomes With Related Ability Statements

TO1  Design, implement, evaluate, monitor, adjust, and document pharmacotherapeutic plans

A1  Conduct a chart review to determine medication related problems in a patient-specific therapeutic plan
A2  Administer a patient/caregiver interview to obtain information related to therapeutic plans
A3  Perform appropriate patient assessment techniques for evaluation of a therapeutic plan
A4  Demonstrate an understanding of the anatomic, physiologic and biochemical basis of the various organ systems and their functions
A5  Demonstrate a detailed insight about the pathophysiologic basis of diseases processes and their consequences, as well as the rationale for instituting various pharmacotherapeutic measures for the treatment of certain diseases
A6  Analyze the mechanisms with which drugs treat diseases, as well as their relevant pharmacokinetic properties and pharmacodynamic effects on the human body
A7  Apply the pharmaceutical properties of drugs to a specific patient scenario
A8  Identify appropriate treatment options given a specific patient scenario
A9  Evaluate and utilize the most appropriate evidence based therapeutic goals and guidelines applied to specific patient characteristics to create a patient-specific pharmacotherapeutic plan
A10 Design and implement a care plan to resolve health issues and/or drug-related problems
A11 Document and maintain an intervention database for patient care activities

TO2 Prospectively review orders and records to evaluate a drug regimen

A12 Identify the brand and generic name; mechanism of action; pharmacokinetic characteristics; indication; therapeutic efficacy; side effects; contraindications; potential drug interactions normal dose; dosing frequency; duration of treatment; and relative cost for the medications commonly encountered during pharmacy practice

A13 Evaluate the effects of medication and patient characteristics on the efficacy and safety of a drug regimen

A14 Perform medication- and patient-specific calculations

A15 Identify, collect and evaluate pertinent data relative to the patient or medication

A16 Create a drug-therapy problem list

TO3 Prepare, dispense, and administer safe and rational medication regimens

A17 Immunize pediatric, adolescent and adult patients

A18 Perform pharmaceutical calculations

A19 Compound extemporaneous pharmaceutical preparations

A20 Evaluate and select appropriate medications and drug delivery systems

A21 Prepare prescription labels as required by Texas Pharmacy Practice Act and relevant State and Federal regulations

A22 Identify, assess, and avoid medication misadventures, (e.g., compatibility/incompatibility, adverse drug reactions, contraindications) Store medications to meet specification/requirements and/or applicable laws

A23 Use technology to optimize drug delivery

TO4 Evaluate pharmacy business models and pharmacy services

A24 Utilize basic principles of financial, human, systems (note: includes technology in delivery of pharmacy services), informatics, and health services management within the framework of practice management (note: tool sets for following)

A25 Evaluate health care delivery systems, pharmacy practice business models, and pharmacy services for effectiveness, appropriateness, efficiency

A26 Analyze the impact of socio-economic principles on healthcare

A27 Consider historical events, contemporary problems, practice standards, and regulatory considerations in health care and pharmacy practice in the development of new professional services
TO5  Evaluate population based data

A28  Use outcomes research, principles of epidemiology, healthcare outcomes, and quality improvement to improve care
A29  Understand data collection tools, collate, analyze and interpret data
A30  Develop and use data collection tools, collate, analyze and interpret data
A31  Design solutions to address healthcare problems

TO6  Devise and implement strategies to improve population based outcomes

A32  Identify social, economic, and cultural factors that influence health, illness, and medication use
A33  Provide health education to the public
A34  Provide healthcare screenings to the public
A35  Engage in promoting continuity of patient care

TO7  Retrieve, analyze, and interpret lay and scientific literature

A36  Identify and interpret information needs
A37  Identify determine, access, and utilize the most appropriate resources for resolving a DI issue
A38  Critically evaluate the veracity of medical information
A39  Evaluate the drug information literature
A40  Summarize drug information in verbal and written formats at a level appropriate to a given audience

TO8  Communicate and collaborate with patients, caregivers, and other stakeholders

A41  Determine most appropriate format of communication (written, verbal, nonverbal)
A42  Determine most appropriate medical terminology based on audience
A43  Identify social, cultural and socioeconomic factors relevant to communication
A44  Counsel a patient, utilizing appropriate communication format, medical terminology and identified social, cultural, and socioeconomic factors
A45  Provide recommendation to a healthcare professional or stakeholder utilizing appropriate communication format, medical terminology and identified social, cultural and socioeconomic factors
A46  Function as a drug expert on a team working collaboratively to provide interprofessional medical care
TO9  Demonstrate professional, legal, and ethical attitudes and behaviors

A47  Demonstrate respect, collegiality, humility, empathy, cultural awareness, and confidence during interaction with patients, colleagues, and other healthcare providers and appropriately respond to feedback

A48  Prioritize and address needs and responsibilities in timely fashion

A49  Demonstrate responsibility to the public and profession of pharmacy

A50  Identify and act upon unethical professional conduct; identify instances of academic dishonesty

A51  Practice ethically

A52  Follow organizational policy and state/federal laws to serve the best interest of the public

TO10 Demonstrate the skills needed for continuous professional development

A53  Assess knowledge, skills, attitudes, and ethics to promote personal and professional growth

A54  Identify and analyze available resources to achieve personal and professional goals

A55  Devise and implement a personal and professional plan to achieve specific goals

A56  Evaluate whether personal and professional goals are achieved

A57  Document Continuous Professional Development (CPD)